

Substitute for Form 1449 A & B/PTO				Cor: 511098	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				National Stage Entry based on	
				Application Number	
				PCT/JP2003/008020	
				Confirmation Number	
				Not yet assigned	
				Filing Date	
				October 14, 2004	
First Named Inventor		Akira IDENO, et al.			
Art Unit		Not yet assigned			
Examiner Name		Not yet assigned			
Attorney Docket Number		Q83564			
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	KIND CODE ⁵ (if known)			
/RP/		JP	2002-306182	A	10/22/2002	TOYOTA CENTRAL RESEARCH AND DEVELOPMENT LABORATORIES, INC.	
/RP/		JP	2002-262883	A	09/17/2002	SEKISUI CHEMICAL CO., LTD.	
/RP/		WO	00/075346	A1	12/14/2000	MEDICAL RESEARCH COUNCIL	
		JP	2003-501061	A		MEDICAL RESEARCH COUNCIL	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
/RP/		Ideno A. et al., The 28.3 kDa FK506 binding protein from a thermophilic archaeum, <i>Methanobacterium thermoautotrophicum</i> , protects the denaturation of proteins in vitro, <i>Eur. J. biochem.</i> , 2000, Vol. 267 (11), pages 3139 to 3149	
/RP/		Behrens S. et al., The SurA periplasmic PPIase lacking its parvulin domains functions in vivo and has chaperone activity <i>EMBO J.</i> , 2001, Vol. 20 (1-2), pages 285 to 294	
/RP/		MARUYAMA T. et al., Archaeal peptidyl prolyl isomerases (PPIases), <i>Front Biosci.</i> , 2000, Vol. 5, p. D821-836	
/RP/		Huang GC. Et al., Assisted folding of D-glyceraldehyde-3-phosphate dehydrogenase by trigger factor, <i>protein sci.</i> , 2000, Vol. 9 (6), pages 1254 to 1261	
/RP/		Zarnit T. et al., Modular structure of the trigger factor required for high activity in protein folding, <i>J. Mol. Biol.</i> , 1997, Vol. 271 (5), pages 827 to 837	
/RP/		Arie JP. Et al., Chaperone function of FkpA, a heat shock prolyl isomerase, in the periplasm of <i>Escherichia coli</i> , <i>Mol. Microbiol.</i> , 2001 Vol. 39 (1), pages 199 to 210	
/RP/		Ratajczak T. et al., The cyclophilin component of the unactivated estrogen receptor contains a tetratricopeptide repeat domain and shares identity with p59 (FKBP59), <i>J. Biol. Chem.</i> , 1993, Vol. 268 (18), pages 13187 to 13192	
/RP/		Pirkel F. et al., Functional analysis of the Hsp90-associated human peptidyl prolyl cis/trans isomerases FKBP51, FKBP52 and Cyp40, <i>J. Mol. Biol.</i> , 2001, Vol. 308 (4), pages 795 to 806	
/RP/		Ramm K. et al., The periplasmic <i>Escherichia coli</i> peptidylprolyl cis, trans-isomerase FkpA. II. Isomerase-independent chaperone activity in vitro, <i>J. Biol. Chem.</i> , 2000, Vol. 275 (22), pages 17106 to 17113	

Examiner Signature	/Rebecca Prouty/	Date Considered	08/06/2007
--------------------	------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO		INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		<input checked="" type="checkbox"/> <i>Complete if Known</i>	
				Application Number 10/511,098 Confirmation Number 9139 Filing Date October 07, 2004 First Named Inventor Akira IDENO Art Unit 1646 Examiner Name Not yet assigned Attorney Docket Number Q83564	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials ^o	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials ^o	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
/RP/		JP	9-220092		08-26-1997	TOSOH CORP.	Abstract
/RP/		JP	6-327489		11-29-1994	BOEHRINGER MANNHEIM GMBH	Abstract
/RP/		JP	6-319549		11-22-1994	SYNERGEN INC.	Abstract
/RP/		JP	9-262093		10-07-1997	TAKEDA CHEM. IND. LTD.	Abstract
/RP/		EP	0 544 293	A2	06-02-1993	BOEHRINGER MANNHEIM GMBH	Abstract
/RP/		EP	0 450 386	A2	10-09-1991	SYNERGEN INC.	Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ^o	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	/Rebecca Prouty/	Date Considered	08/06/2007
--------------------	------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/511,098
Confirmation Number	9139
Filing Date	October 14, 2004
First Named Inventor	Akira IDENO et al
Art Unit	1656
Examiner Name	Robinson, H.
Attorney Docket Number	Q83564

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
/RP/		WO	03/000878		01/03/2003	Roche Diagnostics GmbH et al	
/RP/		WO	99/13091		03/18/1999	The Board of Regents of the Univ of OK	
/RP/		WO	97/10253		03/20/1997	Merck & Co., Inc. et al	
/RP/		WO	00/20606		04/13/2000	Reimann et al	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
/RP/		Hottenrott et al, <i>J. of Biol. Chem.</i> , 272(25):15697-15701 (1997)	

Examiner Signature

/Rebecca Prouty/

Date Considered

08/06/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.